

7-17-12

DIVISION

Dividend - the # being divided or split up

Divisor - the # you're dividing by

Quotient - the answer

3 Symbols:



divisor $\overline{) \text{dividend}}$ quotient

dividend \div divisor

$\frac{\text{dividend}}{\text{divisor}}$

STEPS:

① Divide

② Multiply

③ Subtract

④ Check to see that the difference is smaller than the divisor

⑤ Bring down the next # in the dividend

Ex: $26 \div 3 = 8 \text{ R}2$

$$\begin{array}{r} 3 \overline{) 26} \\ - 24 \\ \hline 2 \end{array}$$

Ex: $111 \div 2$

$$\begin{array}{r} \underline{55} \text{ R}1 \\ 2 \overline{) 111} \\ - 10 \downarrow \\ \hline 11 \\ - 10 \\ \hline 1 \end{array}$$

Ex: $1326 \div 5$

$$\begin{array}{r} \underline{265} \text{ R}1 \\ 5 \overline{) 1326} \\ - 10 \downarrow \\ \hline 32 \downarrow \\ - 30 \downarrow \\ \hline 26 \\ - 25 \\ \hline 1 \end{array}$$